CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 48. (Canceled)

49. (Currently Amended) A method comprising:

selecting, at a media server, a first set of one of more multimedia channels of a plurality of multimedia channels of a first data stream responsive to determining a transmission of the first data stream is not expected to meet a predetermined criteria, the predetermined criteria comprising at least one of a real-time transmission or a transmission within a predetermined bandwidth;

compressing, at the media server, each multimedia channel of the first set to generate a second set of one or more multimedia channels;

generating, at the media server, a second data stream comprising the second set of multimedia channels and the one or more multimedia channels of the plurality of multimedia channels not selected for the first set; and

determining, at the media server, whether a transmission of the second data stream is expected to meet the predetermined criteria.

~~determining whether a transmission of a data stream having a plurality of multimedia channels is expected to meet a predetermined criteria, the predetermined criteria comprising at least one of a real-time transmission or a transmission within a predetermined bandwidth;~~

~~compressing at least one of the multimedia channels in the data stream to generate a first compressed data stream when the transmission of the data stream is not expected to meet the predetermined criteria; and~~

~~determining whether a transmission of the first compressed data stream is expected to meet the predetermined criteria.~~

50. (Currently Amended) The method of claim 49, further comprising:

transmitting the ~~first compressed~~second data stream from the media server to at least one
   client receiver when the transmission of the ~~first compressed~~second data stream is
   expected to meet the predetermined criteria.

51. (Currently Amended) The method of claim 49, further comprising:
compressing at least one multimedia channel of the ~~first compressed~~second data stream at
   the media server to generate a ~~second compressed~~third data stream when the
   transmission of the ~~first compressed~~second data stream is not expected to meet the
   predetermined criteria; and
determining, at the media server, whether a transmission of the ~~second compressed~~third
   data stream is expected to meet the predetermined criteria.

52. (Currently Amended) The method of claim 51, further comprising:
 transmitting the ~~second compressed~~third data stream from the media server to at least
   one client receiver when the transmission of the ~~second compressed~~third data
   stream is expected to meet the predetermined criteria.

53. (Previously Presented) The method of claim 49, wherein the predetermined criteria
includes a real-time transmission of each of the multimedia channels.

54. (Previously Presented) The method of claim 49, wherein the predetermined criteria
includes a transmission of the data stream within a predetermined bandwidth.

55. (Previously Presented) The method of claim 49, wherein the predetermined
bandwidth comprises a maximum bandwidth of a transmission medium.

56. (Previously Presented) The method of claim 49, wherein the predetermined
bandwidth comprises a portion of an available bandwidth of a transmission medium.

57. (Currently Amended) The method of claim 50, wherein transmitting the ~~first
compressed~~ second data stream comprises wirelessly transmitting the ~~first compressed~~second
data stream from the media server to at least one client receiver.

58. (Currently Amended) The method of claim 49, wherein the first data stream includes data from a plurality of sources.

59. (Currently Amended) The method of claim 49, ~~further comprising:~~
~~selecting the at least one of the multimedia channels~~wherein selecting the first set
comprises selecting the first set using a predefined selection method.

60. (Previously Presented) The method of claim 59, wherein the predefined selection method includes a round robin method.

61. (Previously Presented) The method of claim 59, wherein the predefined selection method includes selecting a multimedia channel having a greatest amount of data.

62. (Previously Presented) The method of claim 59, wherein the predefined selection method comprises a prioritization of the plurality of multimedia channels.

63. (Previously Presented) The method of claim 59, wherein the predefined selection method includes selecting an uncompressed multimedia channel over a compressed multimedia channel.

64. (Currently Amended) The method of claim 49, wherein compressing ~~at least one of~~ ~~the multimedia channels~~a multimedia channel comprises:
compressing in a first manner in response to determining a multimedia channel being
compressed has not been compressed in the first manner; and
compressing in a second manner in response to determining the multimedia channel
being compressed has been compressed in the first manner.

65. (Currently Amended) A computer readable memory tangibly embodying a set of executable instructions to manipulate one or more processors to:
select a first set of one of more multimedia channels of a plurality of multimedia channels
of a first data stream responsive to determining a transmission of the first data
stream is not expected to meet a predetermined criteria, the predetermined criteria

comprising at least one of a real-time transmission or a transmission within a predetermined bandwidth;

compress each multimedia channel of the first set to generate a second set of one or more multimedia channels;

generate a second data stream comprising the second set of multimedia channels and the one or more multimedia channels of the plurality of multimedia channels not selected for the first set; and

determine whether a transmission of the second data stream is expected to meet the predetermined criteria.

~~determine whether a transmission of a data stream having a plurality of multimedia channels is expected to meet a predetermined criteria, the predetermined criteria comprising at least one of a real-time transmission or a transmission within a predetermined bandwidth;~~

~~compress at least one of the multimedia channels in the data stream to generate a first compressed data stream when the transmission of the data stream is not expected to meet the predetermined criteria; and~~

~~determine whether a transmission of the first compressed data stream is expected to meet the predetermined criteria.~~

66. (Currently Amended) The computer readable memory of claim 65, the set of executable instructions further to manipulate one or more processors to:

provide the ~~first compressed~~second data stream for transmission when the transmission of the ~~first compressed~~second data stream is expected to meet the predetermined criteria.

67. (Currently Amended) The computer readable memory of claim 66, wherein the executable instructions to manipulate one or more processors to provide the ~~first compressed~~second data stream comprises executable instructions to provide the ~~first compressed~~second data stream for wireless transmission.

68. (Currently Amended) The computer readable memory of claim 65, the set of executable instructions further to manipulate one or more processors to:

compress at least one multimedia channel of the ~~first compressed data~~second stream to generate a ~~second compressed~~third data stream when the transmission of the ~~first compressed~~second data stream is not expected to meet the predetermined criteria; and

determine whether a transmission of the ~~second compressed~~third data stream is expected to meet the predetermined criteria.

69. (Currently Amended) The computer readable memory of claim 68, the set of executable instructions further to manipulate one or more processors to:

provide the ~~second compressed~~third data stream for transmission when the transmission of the second compressed data stream is expected to meet the predetermined criteria.

70. (Previously Presented) The computer readable memory of claim 65, wherein the predetermined criteria includes a real-time transmission of each of the multimedia channels.

71. (Previously Presented) The computer readable memory of claim 65, wherein the predetermined criteria includes a transmission of the data stream within a predetermined bandwidth.

72. (Previously Presented) The computer readable memory of claim 65, wherein the predetermined bandwidth comprises a maximum bandwidth of a transmission medium.

73. (Previously Presented) The computer readable memory of claim 65, wherein the predetermined bandwidth comprises a portion of an available bandwidth of a transmission medium.

74. (Currently Amended) The computer readable memory of claim 65, wherein the <u>first</u> data stream includes data from a plurality of sources.

75. (Currently Amended) The computer readable memory of claim 65, <u>wherein</u> the set of executable instructions ~~further~~ <u>configured</u> to manipulate one or more processors to<u> select the</u>

first set comprises executable instructions configured to manipulate one or more processors to select the first set using a predefined selection method.[[:]]

~~select the at least one of the multimedia channels using a predefined selection method.~~

76. (Previously Presented) The computer readable memory of claim 75, wherein the predefined selection method includes a round robin method.

77. (Previously Presented) The computer readable memory of claim 75, wherein the predefined selection method includes selecting a multimedia channel having a greatest amount of data.

78. (Previously Presented) The computer readable memory of claim 75, wherein the predefined selection method comprises a prioritization of the plurality of multimedia channels.

79. (Previously Presented) The computer readable memory of claim 75, wherein the predefined selection method includes selecting an uncompressed multimedia channel over a compressed multimedia channel.

80. (Currently Amended) The computer readable memory of claim 65, the executable instructions to manipulate one or more processors to compress ~~at least one of the multimedia channels~~ a multimedia channel comprises executable instructions to manipulate one or more processors to:

compress in a first manner in response to determining a multimedia channel being compressed has not been compressed in the first manner; and

compress in a second manner in response to determining the multimedia channel being compressed has been compressed in the first manner.

81. (Currently Amended) A system comprising:

means for selecting a first set of one of more multimedia channels of a plurality of multimedia channels of a first data stream responsive to determining a transmission of the first data stream is not expected to meet a predetermined

criteria, the predetermined criteria comprising at least one of a real-time
transmission or a transmission within a predetermined bandwidth;

means for compressing each multimedia channel of the first set to generate a second set
of one or more multimedia channels;

means for generating a second data stream comprising the second set of multimedia
channels and the one or more multimedia channels of the plurality of multimedia
channels not selected for the first set; and

means for determining whether a transmission of the second data stream is expected to
meet the predetermined criteria.

~~means for determining whether a transmission of a data stream having a plurality of
multimedia channels is expected to meet a predetermined criteria, the
predetermined criteria comprising at least one of a real-time transmission or a
transmission within a predetermined bandwidth;~~

~~means for compressing at least one of the multimedia channels in the data stream to
generate a first compressed data stream when the transmission of the data stream
is not expected to meet the predetermined criteria; and~~

~~means for determining whether a transmission of the first compressed data stream is
expected to meet the predetermined criteria.~~

82. (Currently Amended) The system of claim 81, further comprising:

means for transmitting the ~~first compressed~~second data stream when the transmission of
the ~~first compressed~~second data stream is expected to meet the predetermined
criteria.

83. (Currently Amended) The system of claim 82, wherein the means for transmitting
the ~~first compressed~~second data stream comprises wirelessly transmitting the ~~first compressed~~
second data stream.

84. (Currently Amended) The system of claim 81, further comprising:

means for compressing at least one multimedia channel of the ~~first compressed~~second
data stream to generate a ~~second compressed~~third data stream when the

transmission of the ~~first compressed~~second data stream is not expected to meet the predetermined criteria; and

means for determining whether a transmission of the ~~second compressed~~third data stream is expected to meet the predetermined criteria.

85. (Currently Amended) The system of claim 84, further comprising:

means for transmitting the ~~second compressed~~third data stream when the transmission of the second compressed data stream is expected to meet the predetermined criteria.

86. (Previously Presented) The system of claim 81, wherein the predetermined criteria includes a real-time transmission of each of the multimedia channels.

87. (Previously Presented) The system of claim 81, wherein the predetermined criteria includes a transmission of the data stream within a predetermined bandwidth.

88. (Previously Presented) The system of claim 81, wherein the predetermined bandwidth comprises a maximum bandwidth of a transmission medium.

89. (Previously Presented) The system of claim 81, wherein the predetermined bandwidth comprises a portion of an available bandwidth of a transmission medium.

90. (Currently Amended) The system of claim 81, wherein the first data stream includes data from a plurality of sources.

91. (Currently Amended) The system of claim 81, ~~further comprising:~~
~~means for selecting the at least one of the multimedia channels~~ wherein the means for selecting the set comprises means for selecting the set using a predefined selection method.

92. (Previously Presented) The system of claim 91, wherein the predefined selection method includes a round robin method.

93. (Previously Presented) The system of claim 91, wherein the predefined selection method includes selecting a multimedia channel having a greatest amount of data.

94. (Previously Presented) The system of claim 91, wherein the predefined selection method comprises a prioritization of the plurality of multimedia channels.

95. (Previously Presented) The system of claim 91, wherein the predefined selection method includes selecting an uncompressed multimedia channel over a compressed multimedia channel.

96. (Currently Amended) The system of claim 81, wherein the means for compressing ~~at least one of the multimedia channels~~a multimedia channel comprises:

    means for compressing in a first manner in response to determining a multimedia channel being compressed has not been compressed in the first manner; and

    means for compressing in a second manner in response to determining the multimedia channel being compressed has been compressed in the first manner.

        U.S. App. No.: 09/823,646